

# **METHOD FOR MRI WITH STEADY-STATE FREE PRECESSION PULSE SEQUENCES**

## **Abstract of Disclosure**

A method and system are provided for acquiring images using a magnetic resonance imaging (MRI) system. The method comprises the step of applying a plurality of steady-state free precession (SSFP) radio-frequency (RF) excitation pulses in a selected pattern of varying amplitudes and phases such that signals corresponding to the pattern of pulses are substantially immune to magnetic field inhomogeneity of the MRI system. The pulses have substantially equal spacing between all neighboring pulses and between successive groups of pulses. The method further comprises the step of reading a plurality of signals corresponding to the pulses.

[illegible]